Spinnaker: 6000134 Kieran First300symspin-Color

Design Info
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Design File:
E:\dropbox\Dropbox\Fareast Sails\2022 Order\6000134 Kieran\6000134 Kieran First300symspin-Color.des

Comments:

Initial Design Date: 3/2/2022
Boat:
First 300
Client:

Design Data
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Spinnaker

Measurements

Leech length (SLE):	12.500m
Foot length (SFL):	5.850m
Headboard Width:	0.040m
Maximum width (35.5%):	6.838m
Three-quarter width:	4.481m
Half width (SHW):	6.655m
Quarter width:	6.774m
Foot median:	13.457m
ORC Spinnaker Area:	67.642m?
IRC Spinnaker Area:	67.371m?
Surface Area:	72.199m?
Hoist height:	12.280m
Pole Length:	3.670m

Luff Curve

15.500m,	0.000m
11.625m,	0.000m
7.750m,	0.000m
3.875m,	0.000m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.221m])		Before BSeam
100% (7.203m) :	0.000m	0.000m
77% (5.554m) :	-1.671m	1.775m
37% (2.637m) :	-2.420m	2.460m
47% (3.411m) :	-1.334m	2.572m
68% (4.866m) :	-1.136m	2.487m
39% (2.812m) :	-1.153m	2.274m
43% (3.122m) :	-0.277m	1.970m
42% (3.054m) :	0.815m	1.581m
27% (1.976m) :	0.876m	1.101m
14% (1.037m) :	0.454m	0.556m
0% (0.000m) :	0.000m	0.000m

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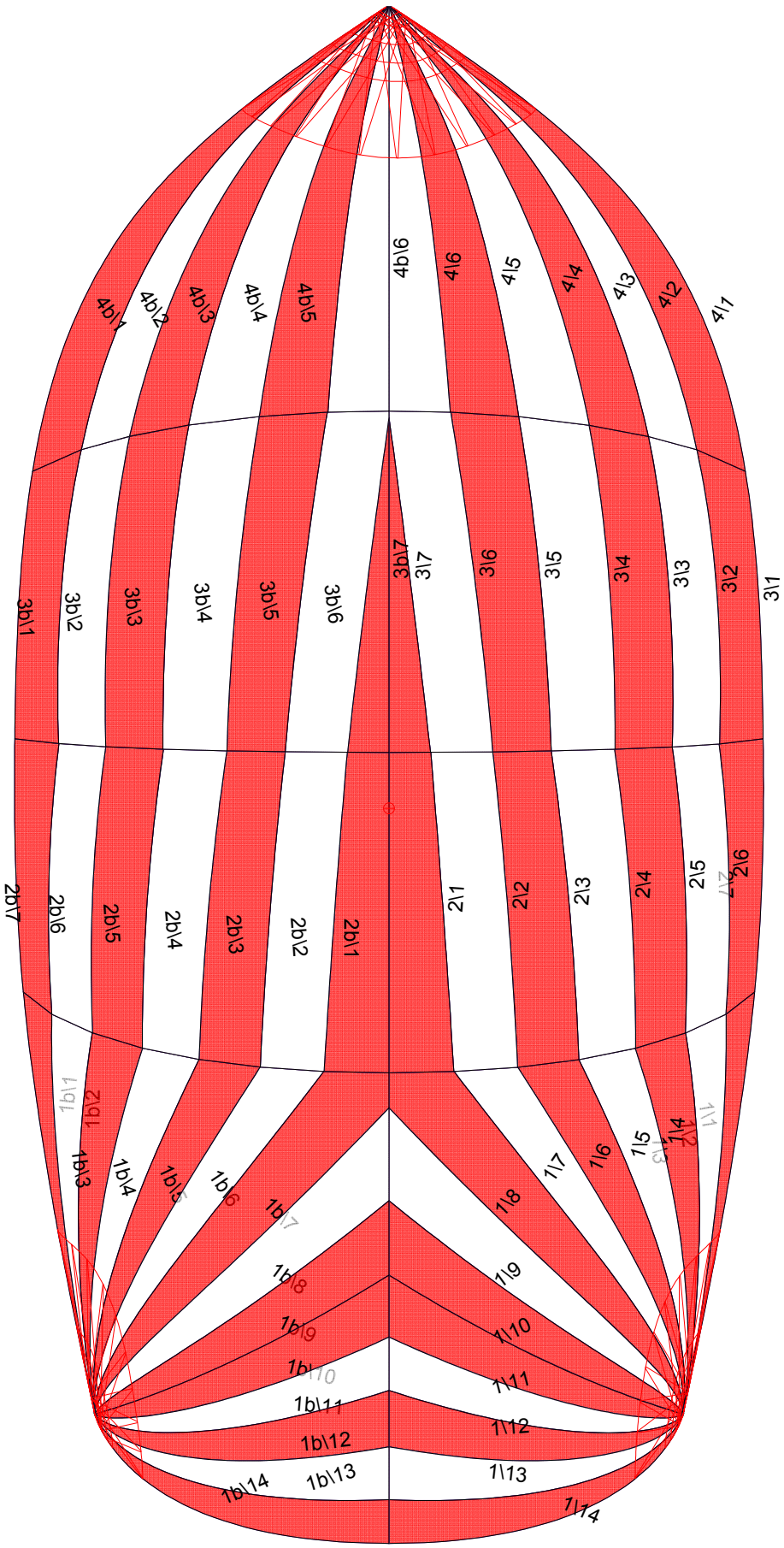

Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.025m	0.013m	0.025m
Zone: 1/b	0.025m	0.013m	0.025m
Zone: 2/a	0.025m	0.013m	0.025m
Zone: 2/b	0.025m	0.013m	0.025m
Zone: 3/a	0.025m	0.013m	0.025m
Zone: 3/b	0.025m	0.013m	0.025m
Zone: 4/a	0.025m	0.013m	0.025m
Zone: 4/b	0.025m	0.013m	0.025m

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	19.78
Radial/Vertical	200.32
Bi-Radial Split	13.74

Materials

Material	Area (m?	Panels
White	32.15	1\2,1\4,1\6,1\8,1\11 1\13,1b\2,1b\4,1b\6,1b\8 1b\11,1b\13,2\6,2\4,2\2 2b\2,2b\4,2b\6,3\2,3\4 3\6,3b\6,3b\4,3b\2,4\2 4\4,4\6,4b\6,4b\4,4b\2
Red	40.15	1\1,1\3,1\5,1\7,1\9 1\10,1\12,1\14,1b\1,1b\3 1b\5,1b\7,1b\9,1b\10,1b\12 1b\14,2\7,2\5,2\3,2\1 2b\1,2b\3,2b\5,2b\7,3\1 3\3,3\5,3\7,3b\7,3b\5 3b\3,3b\1,4\1,4\3,4\5 4b\5,4b\3,4b\1